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Core 0B2 / Noyau 0B2  
Gatineau, Québec K1A 0S5  
Bid Fax: (819) 997-9776**

**Revision to a Request for a Standing Offer**

**Révision à une demande d'offre à commandes**

National Master Standing Offer (NMSO)

Offre à commandes principale et nationale (OCPN)

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Offer remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'offre demeurent les mêmes.

**Comments - Commentaires**

**Vendor/Firm Name and Address**

**Raison sociale et adresse du  
fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**

Scientific, Medical and Photographic Division / Division  
de l'équipement scientifique, des produits  
photographiques et pharmaceutiques  
11 Laurier St./ 11 rue, Laurier  
6B1, Place du Portage  
Gatineau, Québec K1A 0S5

<b>Title - Sujet</b> Ductless Fume Hood SOA		
<b>Solicitation No. - N° de l'invitation</b> M7594-177606/A		<b>Date</b> 2017-07-06
<b>Client Reference No. - N° de référence du client</b> M7594-177606		<b>Amendment No. - N° modif.</b> 003
<b>File No. - N° de dossier</b> pv955.M7594-177606	<b>CCC No./N° CCC - FMS No./N° VME</b>	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$PV-955-72883		
<b>Date of Original Request for Standing Offer</b> Date de la demande de l'offre à commandes originale		2017-05-16
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-07-20</b>		<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Daylight Saving Time EDT
<b>Address Enquiries to: - Adresser toutes questions à:</b> Paradis, Lise		<b>Buyer Id - Id de l'acheteur</b> pv955
<b>Telephone No. - N° de téléphone</b> (873) 469-4464 ( )		<b>FAX No. - N° de FAX</b> (819) 956-3814
<b>Delivery Required - Livraison exigée</b>		
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>		
<b>Security - Sécurité</b> This revision does not change the security requirements of the Offer. Cette révision ne change pas les besoins en matière de sécurité de la présente offre.		

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Acknowledgement copy required</b> <b>Accusé de réception requis</b>	<b>Yes - Oui</b> <input type="checkbox"/>	<b>No - Non</b> <input type="checkbox"/>
<b>The Offeror hereby acknowledges this revision to its Offer.</b> <b>Le proposant constate, par la présente, cette révision à son offre.</b>		
<b>Signature</b>	<b>Date</b>	
Name and title of person authorized to sign on behalf of offeror. (type or print) Nom et titre de la personne autorisée à signer au nom du proposant. (taper ou écrire en caractères d'imprimerie)		
<b>For the Minister - Pour le Ministre</b>		

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### Amendment 003

The amendment 003 is raised to do the following changes and to answer questions from the Industry.

**Note that an amendment number 004 will be publish next week to revise the RFSO and annexes.**

#### DELETE:

Solicitation closes:

At: 02:00PM

On: 2017-07-10

#### INSERT:

Solicitation closes:

At: 02:00PM

On: 2017-07-20

#### Questions and answers

- Q 46.** In our search of competitor's products, we were not able to find any vendor that provides a horizontal flow fume hood with CEFA DH2 real time monitoring. If this specification is being designed specifically for the RCMP, based on the OH&S requirements of the RCMP, and they will not accept any deviations from this specification, then we would be in a position to look at constructing a customized Fume Hood to these exact specifications, understanding that this would increase the lead time to deliver.
- A 46.** The requirements specified in the solicitation are mandatory. We believe that there are available units in the market that meet our requirement.
- Q 47.** Referring to the "test protocol" at the time of delivery. Under the Delivery section – the "As Installed test protocol". Or are they just requesting a certificate of compliance from the manufacturer and not an actual onsite certification of the fume hood? (A certificate of compliance will show that the fume hood was tested before it left the manufacturer and that it meets the claims for face velocity, etc.).
- A 47.** The "as installed" test protocol is further explained in the SEFA 9-2010 guidelines under part 6.

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**Q 48.** Further to question and answer # 37, though airflow entering the hood should be done in a horizontal fashion, is it necessary for the flow to be drawn to the rear plenum? This poses a couple of issue's such as inability to create a horizontal flow at the sash level, a vertical flow of any hazardous compounds should be drawn up in a vertical fashion, creating even distribution of air flow across all filters and allowing for an added level of carbon filtration and HEPA filtration, providing a true DH II filtered fume hood.

**A 48.** This answer cancel and supersede answer on question 37. There is not a specific requirement for airflow to be drawn in a horizontal pattern towards rear wall. Airflow patterns must meet SEFA 9-2010 and ASHRAE 110-2016 requirements.

**Q 49.** Further to question and answer # 39, Though Carbon filtration is absolutely critical, bonded carbon is not needed in order to prevent any potential carbon dust, as a hood designed with vertical flow and ceiling mounted filters, will allow for a filter configuration of Carbon, and Hepa. Because of this, the second stage Hepa filter will capture any potential carbon dust. That said, can advanced broad range carbon filtration with BE+ technology by Erlab be used? This is the only filter that retains a broad range of chemicals with retention capacities that can be proven and be provided with a guarantee of the filter efficiency. Would vertical flow with ceiling mounted filtration, be required?

**A 49.** This answer cancel and supersede answer on question 39. Bonded carbon filters are not mandatory. An amendment of the Annex A will be published next week. The carbon filter must be capable to retain a broad range of chemicals and must meet SEFA 9-2010 and ASHRAE 110-2016 requirements.

**Q 50.** Would it be required for the HEPA filters to be sprayed with an adhesive to ensure particles remain in the absorbent during filter changes?

**A 50.** As part of our safe handling process, negative pressure capability during filter change is a feature that is necessary for the RCMP to have.

**Q 51.** Is a pre filter required? If so, it is important to note; that this will add to potential hazardous exposure, as pre filters will need to be changed on a very frequent basis, unlike Hepa filters with an average 3-4 year change out frequency.

**A 51.** Yes pre-filter is required and the RCMP will do the pre-filter changes.

**Q 52.** Regarding Revised Annex A - Warranty and hardware maintenance service, does this mean that our technician would be required to visit each hood and do the replacement and disposal of all required filters (once a year) during the Table 1 (3 years) period? Additionally, does this mean that our technician would be required to visit each hood every 3 months to change the pre-filters or would the RCMP do the pre-filter changes?

**A 52.** No. RCMP will do filter and pre-filter changes



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**Q 53. If the RCMP does the pre-filter changes, who would be responsible for the disposal of the pre-filters?**

**A 53. RCMP will take care of pre-filter disposal.**

**Q 54. Are you using an open balance in the hood? We have a company that can provide carts this will allow for use of units to be provided room to room and easier storage and does not compromise results**

**A 54. The cart must be supplied with the Fume Hood.**

**Q 55. This is referencing current question 36. Why does the primary HEPA filter need to expand across "rear" wall? What data is there to show this is a more effective solution? SEFA 9 nor ASHRAE 110 DON'T recommend this set up, and these are the two standards you are asking manufacturers to abide by.**

**A 55. This answer cancel and supersede answer on question 36.** There is not a specific requirement for primary HEPA filter to expand across rear wall. The Fume Hood must meet the requirement at the revised Annex A of the RFSO. Filtration capability must meet SEFA 9-2010 and ASHRAE 110-2016 requirements and effectively filtering highly toxic powders such as Fentanyl.

**Q 56. This is referencing current question 37. Why does airflow need to be drawn in a horizontal pattern towards rear wall? Again, SEFA 9 nor ASHRAE 110 DON'T recommend this set up, and these are the two standards you are asking manufacturers to abide by.**

**A 56. This answer cancel and supersede answer on question 37.** There is not a specific requirement for airflow to be drawn in a horizontal pattern towards rear wall. Airflow patterns must meet SEFA 9-2010 and ASHRAE 110-2016 requirements as per Annex A – Statement of Work.

**Q 57. This is referencing current question 38. Why does the addition of a "bonded" carbon need to be needed? What about traditional coconut shell activated carbon? Is there data that bonded carbon is better? Nothing in SEFA 9 or ASHRAE 100 state to use bonded carbon.**

**A 57. This answer cancel and supersede answer on question 38.** Bonded carbon not required. See the revised Annex A, which will be published next week. The carbon filter must be capable to retain a broad range of chemicals and must meet SEFA 9-2010 and ASHRAE 110-2016 requirements.

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**Q 58.** This is referencing current question 39. Why is bonded carbon being pushed? Loose granular carbon is used in the filters, and is poured in designated compartments within the filter itself to ensure there are no dead spots. Carbon dusting is only an issue if the units are being used in a designated clean room. This fact is irrelevant for Fentanyl hoods.

**A 58.** This answer cancel and supersede answer on question 39. Bonded carbon not required. See the revised Annex A, which will be published next week. The carbon filter must be capable to retain a broad range of chemicals and must meet SEFA 9-2010 and ASHRAE 110-2016 requirements.

**Q 59.** Would a safety HEPA filter not be the safer choice? A filter combination of prefilter, HEPA filter, Carbon Filter, and Safety HEPA filter would meet all filtering requirements, and would eliminate any chance of carbon dusting.

**A 59.** Filtration capability must meet SEFA 9-2010 and ASHRAE 110-2016 requirements and effectively filtering highly toxic powders such as Fentanyl.

**Q 60.** This is referencing question 40, as well as the new Annex. Why is there a requirement to be able to change filters in negative pressure unit? Wouldn't the RCMP have protocol to gown up when changing these filters that have Fentanyl powders in them? What would happen if someone didn't gown up because they are in a negative pressure hood, and then they drop the filter and fentanyl dust goes everywhere? Under the assumption the personnel changing filters is gowned up, wouldn't the negative pressure unit be irrelevant?

**A 60.** RCMP have safe work procedures for this task.

**Q 61.** Regarding 6.3.1 Delivery Date  
Depending on the quantity ordered at any given time, there might be a difference in delivery times. Can we add a second sentence showing the difference between smaller orders and larger order delivery times?

**A 61.** The Delivery date will be inserted at the time a call-up is placed. This date can be a mutually agreed upon date between the supplier and the client.

**Q 62.** Regarding 6.3.3 Prepaid Transportation Costs  
Does this mean that the Firm Unit Price in the Annex B Basis of Payment would not include shipping of the fume hood, with its required filters and work table and that the shipping costs (excluding duty) would be billed and payable as a separate item ?



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A 62. The Firm Unit Price at Annex B is excluding shipping costs. Shipping costs will be added to the invoice as a separate line item.

**Q 63. Would the above shipping costs include delivery from a US based manufacturer or would the shipping charges only apply from a Canadian base to the final destination?**

A 63. Your unit cost must include customs duties however shipping is shown as a separate line item and should not form part of your basis of payment.

**Q 64. regarding Revised Annex B Basis of Payment - Items 1 and 2, (referencing Other Requirements from Revised Annex A) would this price include the hood, the work table and enough pre-filters to meet the initial installation plus replacement pre-filters to last up to 3 years (at one change every 3 months) plus enough carbon filters to meet the initial installation plus replacements to last 3 years (at one change every year) and enough HEPA filters to meet the initial installation plus only one replacement filter change ?**

A 64. The firm unit price includes everything as described in Annex A which includes hardware maintenance services and warranty.

**Q 65. If the above is not correct, are the shipping costs covered per 6.3.3 for replacement filters? If the above is correct and the RCMP determines that they require more frequent replacement of the HEPA filters, are the shipping costs covered per 6.3.3 for replacement filters?**

A 65. Yes

**Q 66. Regarding Revised Annex A - Warranty and hardware maintenance service, does this mean that our technician would be required to visit each hood and do the replacement and disposal of all required filters (once a year) during the Table 1 (3 years) period?**

A 66. RCMP will be replacing the filters. Should a technician be required onsite, travel and living expenses will be reimburse in accordance with SACC clause C4001C.

**Q 67. Additionally, does this mean that our technician would be required to visit each hood every 3 months to change the pre-filters or would the RCMP do the pre-filter changes?**

A 67. RCMP would do the filter changes.

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**Q 68. If the RCMP does the pre-filter changes, who would be responsible for the disposal of the pre-filters?**

A 68 RCMP would be responsible for the disposal of the pre-filters.

**Q 69. Regarding Option Year One and Two, are the shipping costs for replacement filters covered per 6.3.3?**

A 69 Shipping costs are pre-paid and will be reimbursed upon providing a certified copy of the prepaid transportation bill of lading.

**Q 70. In the original document, the RCMP was requesting a 36 month warranty that included the annual replacement and disposal of filters. It has since been clarified that the RCMP will be responsible for the replacement and disposal of the filters, but should the 36 month warranty still include the cost of the replacement filters? And if so, will the RCMP be replacing both the carbon and the HEPA filters on an annual basis?**

A. 70. Yes warranty includes the cost of replacement filters.

Yes RCMP will need to replace both the carbon and HEPA filters on an annual basis.

**Q 71. Under "Other Requirements" # 7 – it requests for "a back-up replacement HEPA filter" - does the RCMP only want a single backup HEPA filter, or are they looking for a full back-up set? I.e., if the hood has 4 primary HEPA filters, does the RCMP want 4 back-up HEPA filters?**

A 71. Yes full back-up set.

**Q 72. Based on the recent questions, there is a contradiction. 4.1.1.1 Mandatory Technical Criteria states that filters and electronics must be above the workspace, however, response A36 says the HEPA filter must go across the rear wall. Please clarify**

A 72. This answer cancel and supersede answer on question 36. Must meet SEFA 9-2010 and ASHRAE 110-2016 requirements.

**Q 73. Technical criteria does not specify the airflow pattern (vertical or horizontal), however, Q37 and A37 both discuss horizontal airflow pattern. Is this a requirement?**

A 73. This answer cancel and supersede answer on question 37. Must meet SEFA 9-2010 and ASHRAE 110-2016 requirements.

All other terms and conditions remain the same.